

Delta Independent Science Board Educational Briefing Questionnaire

Please provide short written responses to the following:

1. Program Title: California Levee Vegetation Research Program (CLVRP)
2. Lead Agency/Department for Program: Department of Water Resources, SAFCA, California Levees Roundtable
3. Brief Description of Program:

Researchers from UC Berkeley, UC Davis, University of Georgia, and HDR Engineering (Science Team) are studying the effects of woody vegetation and burrowing mammals on levees in the Central Valley. The specific areas of study are:

- Tree Root Architecture On and Near Levees
 - Slurry Wall and Root Penetration Evaluation
- Tree Windthrow
- Slope Stability and Seepage Analysis in Relation to Roots
- Rodent and Habitat Associations and Burrow Architecture/Characterization and Grouting Effectiveness

Each researcher will write a paper of their findings for peer-reviewed publications or present their findings at professional conferences.

4. Purpose and Objectives of Program:

The goal of the CLVRP is to collaboratively pursue objective research, utilizing the scientific method, to create new knowledge or correct and integrate previous knowledge regarding levee vegetation. Research results will contribute to the scientific foundation for future policy about the management of vegetation on levees in California. The research is also intended to inform the FloodSAFE Levee Evaluations Program, which is evaluating and prioritizing all geotechnical factors that impact the safety and performance of Central Valley levees.

5. Timeline for Program Objectives:

Program began in Fall 2009. Program will end in Summer 2012.

6. Current Status of Program: In progress
7. Contact Information for Lead Staff of this Program:

Name	Peter Buck, SAFCA
Title	Natural Resources Supervisor
Phone	(916) 574-0363
Email	buckp@saccounty.net

8. Associated Total Budget for Program: \$2.6 Million
9. URL, if a Website is Available: <http://www.safca.org/protection/CalifRoundtable.html>
10. How does adaptive management play a role in your program?

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11. Any additional information that would be helpful to understand the program:

Thank you very much for taking the time to respond to this questionnaire. Please return your completed questionnaire to Gina Ford (gina.ford@deltacouncil.ca.gov) no later than October 6, 2011.